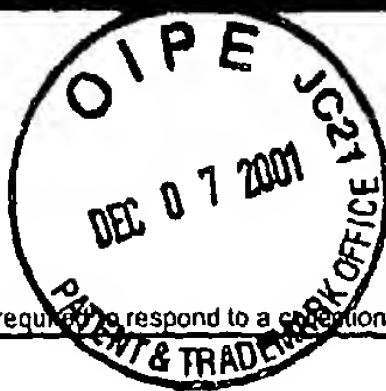


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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|------------------------|-----------------|
| Application Number     | 09/911,047      |
| Filing Date            | July 23, 2001   |
| First Named Inventor   | Glen H. ERIKSON |
| Group Art Unit         | 1655            |
| Examiner Name          |                 |
| Attorney Docket Number | E1047/20060     |

Sheet 1 of 3

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. | U.S. Patent Document |                         | Name of Patentee or Applicant of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|-------------|----------------------|-------------------------|---|--|
|                       |             | Number               | Kind Code<br>(if known) |   |  |
| M                     |             | U.S. No. 4,220,450   |                         | MAGGIO  | 09-02-1980   |
|                       |             | U.S. No. 4,876,187   |                         | DUCK et al.                                     | 10-24-1989   |
|                       |             | U.S. No. 4,963,477   |                         | TCHEN   | 10-16-1990   |
|                       |             | U.S. No. 5,011,769   |                         | DUCK et al.                                     | 04-30-1991   |
|                       |             | U.S. No. 5,332,659   |                         | KIDWELL   | 07-26-1994   |
|                       |             | U.S. No. 5,403,711   |                         | WALDER et al.                                   | 04-04-1995   |
|                       |             | U.S. No. 5,538,848   |                         | LIVAK et al.                                    | 07-23-1996   |
|                       |             | U.S. No. 5,539,082   |                         | NIELSEN et al.                                  | 07-23-1996   |
|                       |             | U.S. No. 5,558,998   |                         | HAMMOND et al.                                  | 09-24-1996   |
|                       |             | U.S. No. 5,660,988   |                         | DUCK et al.                                     | 08-26-1997   |
|                       |             | U.S. No. 5,705,346   |                         | OKAMOTO et al.                                  | 01-06-1998   |
|                       |             | U.S. No. 5,707,801   |                         | BRESSER et al.                                  | 01-13-1998   |
|                       |             | U.S. No. 5,731,146   |                         | DUCK et al.                                     | 03-24-1998   |
|                       |             | U.S. No. 5,800,984   |                         | VARY  | 09-01-1998   |

## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. | Foreign Patent Document |        |                         | Name of Patentee or Applicant of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | T |
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|                       |             | Office                  | Number | Kind Code<br>(if known) |   |  |   |
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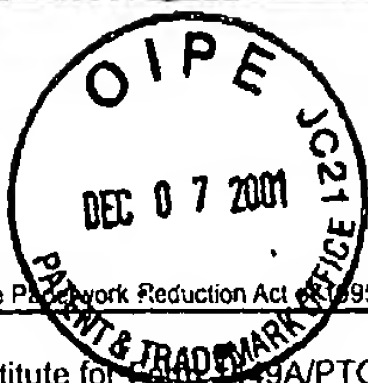
## OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

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|-----------------------|-------------|--|---|
| M                     |             | ABSTRACT of JP 5237000, YOSHITAMI (09-17-1993)   |   |
|                       |             | BARAN et al., <i>Nucleic Acids Research</i> 25:297-303 (1997)  |   |
|                       |             | BOHMANN et al., <i>Science</i> , 238:1386-1392 (Dec.1987)  |   |
|                       |             | CARLSSON et al., 380 <i>Nature</i> 207 (March 21, 1996)  |   |
|                       |             | CHAN et al., <i>J. Mol. Med.</i> 75 Issue 4:267-282 (1997)   |   |
|                       |             | DALRYMPLE et al., <i>Nucleic Acids Research</i> , Vol. 13, No. 21, pp. 7865-7879 (1985)  |   |
|                       |             | DURLAND et al., <i>Biochemistry</i> , 30:9246-9255 (1991)  |   |
|                       |             | EGHOLM et al., 365 <i>Nature</i> 566 (7 October 1993)  |   |
|                       |             | FLORIS et al., 260 <i>Eur. J. Biochem.</i> 801-809 (1999)  |   |
|                       |             | HILL et al., <i>Methods in Enzymology</i> , 278:390-416 (1997)   |   |

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/911,047  
Filing Date July 23, 2001  
First Named Inventor Glen H. ERIKSON  
Group Art Unit 1655  
Examiner Name  
Attorney Docket Number E1047/20060

Sheet 2 of 3

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|--------------------|----------|----------------------|----------------------|---|--|
|                    |          | Number               | Kind Code (if known) |   |  |
| M                  |          | U.S. No. 5,800,992   |                      | FODOR et al.                                    | 09-01-1998                                       |
|                    |          | U.S. No. 5,814,447   |                      | ISHIGURO et al.                                 | 09-29-1998                                       |
|                    |          | U.S. No. 5,814,516   |                      | VO-DINH   | 09-29-1998                                       |
|                    |          | U.S. No. 5,824,477   |                      | STANLEY   | 10-20-1998                                       |
|                    |          | U.S. No. 5,824,557   |                      | BURKE et al.                                    | 10-20-1998                                       |
|                    |          | U.S. No. 5,846,729   |                      | WU et al.                                       | 12-08-1998                                       |
|                    |          | U.S. No. 5,861,124   |                      | HOSOI et al.                                    | 01-19-1999                                       |
|                    |          | U.S. No. 5,874,555   |                      | DERVAN et al.                                   | 02-23-1999                                       |
|                    |          | U.S. No. 5,888,739   |                      | PITNER et al.                                   | 03-30-1999                                       |
|                    |          | U.S. No. 5,912,332   |                      | AGRAWAL et al.                                  | 06-15-1999                                       |
|                    |          | U.S. No. 5,948,897   |                      | SEN et al.                                      | 09-07-1999                                       |
|                    |          | U.S. No. 6,013,442   |                      | KOLESAR et al.                                  | 01-11-2000                                       |
|                    |          | U.S. No. 6,017,709   |                      | HARDIN et al.                                   | 02-25-2000                                       |
|                    |          | U.S. No. 6,027,880   |                      | CRONIN et al.                                   | 02-22-2000                                       |
|                    |          | U.S. No. 6,046,004   |                      | WU et al.                                       | 04-04-2000                                       |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Foreign Patent Document |        |                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T |
|--------------------|----------|-------------------------|--------|----------------------|---|--|---|
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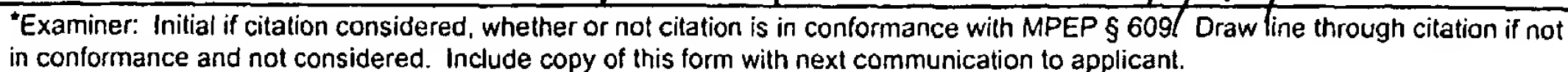
## OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
|--------------------|----------|---|---|
|                    |          |   |   |
| M                  |          | JOHANSEN and JACOBSEN, <i>J Biomol Struct Dyn</i> , 16(2):205-22 (1998 Oct) (Abstract)  |   |
|                    |          | KADONAGA et al., <i>Cell</i> , 51:1079-1090 (Dec. 24, 1987)   |   |
|                    |          | KUKRETI et al. 25 <i>Nucleic Acids Research</i> 4264-4270 (1997)  |   |
|                    |          | MARSH et al., <i>Nucleic Acids Research</i> , 23:696-700 (1995)   |   |
|                    |          | MARSH et al., <i>Biochemistry</i> 33:10718-10724 (1994)   |   |
|                    |          | MAZUMDER et al., <i>Biochemistry</i> 35:13762-13771 (1996)  |   |
|                    |          | SEN et al., <i>Nature</i> 334:364-366 (1988)  |   |
|                    |          | SEN et al., <i>Biochemistry</i> 31:65-70 (1992)   |   |

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|                    |            |
|--------------------|------------|
| Application Number | 09/911,047 |
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| Filing Date | July 23, 2001 |
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| First Named Inventor | Glen H. ERIKSON |
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| Group Art Unit | 1655 |
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Examiner Name

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|------------------------|-------------|
| Attorney Docket Number | E1047/20060 |
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Foreign Patent Document |          |                         | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | T |
|--------------------|----------|-------------------------|----------|-------------------------|---|---|---|
|                    |          | Office                  | Number   | Kind Code<br>(If known) |   |   |   |
| 12                 |          | WO                      | 95/01370 | A1                      | BURCHARDT et al.                                | 01-12-1995  |   |
| 12                 |          | WO                      | 99/67628 | A1                      | DE LUMLEY-WOODYEAR et al.                       | 12-29-1999  |   |
|                    |          |                         |          |                         |   |   |   |
|                    |          |                         |          |                         |   |   |   |
|                    |          |                         |          |                         |   |   |   |

## OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

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Application Number 09/911,047  
Filing Date July 23, 2001  
First Named Inventor Glen H. ERIKSON  
Group Art Unit 1655  
Examiner Name  
Attorney Docket Number E1047/20060

Sheet 1 of 1

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|-----------------------|-------------|----------------------|-------------------------|---|--|
|                       |             | Number               | Kind Code<br>(if known) |   |  |
| W                     |             | 6,287,772            | B1                      | STEFANO et al.                                  | 09-11-2001   |
| W                     |             | 6,255,469            | B1                      | SEEMAN et al.                                   | 07-03-2001   |
|                       |             |                      |                         |   |  |
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| First Named Inventor   | Glen H. ERIKSON |
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**U.S. PATENT DOCUMENTS**

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|-----------------------|-------------|-------------------------|----------|-------------------------|---|--|---|
|                       |             | Office                  | Number   | Kind Code<br>(If known) |   |  |   |
| W                     |             | WO                      | 97/45539 | A1                      | KUBISTA et al.                                  | 12-04-1997   |   |
| R                     |             | GB                      | 2333359  | A                       | LEE et al.                                      | 07-21-1999   |   |
| V                     |             | GB                      | 2338301  | A                       | GIBSON et al.                                   | 12-15-1999   |   |
| R                     |             | WO                      | 00/20633 | A1                      | BROOKES   | 04-13-2000   |   |
|                       |             |                         |          |                         |   |  |   |

## OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

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